



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/711,599

09/28/2004

Mehrzas Asadi

U04-0271.108

5598

54494

7590

03/03/2006

MOORE AND VAN ALLEN PLLC FOR SEMC

P.O. BOX 13706

430 DAVIS DRIVE, SUITE 500

RESEARCH TRIANGLE PARK, NC 27709

EXAMINER

KHAN, SUHAIL

ART UNIT

PAPER NUMBER

2686

DATE MAILED: 03/03/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

### Period for Reply

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 05 December 2005.  
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All    b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-9 rejected under 35 U.S.C. 102(e) as being anticipated by “Digital Cellular Telecommunication System (Phase 2+)” by Sophia Antipolis Cedex.

Referring to **claim 1**, Cedex discloses a method of automatically re-establishing a GPRS/EDGE connection between a mobile station and a network following a successfully executed network detach request (page 57, section 4.2.4.2.2, line 3, perform GPRS attach, attach performed on expiration of timers, hence automatically after expiration of timers), the method comprising: in the mobile station (page 114, section 4.7.4.2.2, paragraph 3, MS): determining if a detach type parameter associated with the network detach request is set to re-attach not required (page 114, section 4.7.4.2.2, paragraph 3, DETACH REQUEST message received, indicating “re-attach not required”); if the detach type parameter associated with the detach request is set to re-attach not required (page 114, section 4.7.4.2.2, paragraph 3, DETACH REQUEST message received, indicating “re-attach not required”), and the detach cause parameter associated with the detach request does contain a null value (page 114, section 4.7.4.2.2, paragraph 3, no cause code, cause code is interpreted as being the parameter associated with the detach request), then

monitoring a timeout parameter; and automatically initiating a GPRS/EDGE re-attachment with the network upon expiration of the timeout parameter (page 57, section 4.2.4.2.2, line 3, perform GPRS attach on the expiry of timers, hence automatically).

Referring to **claim 2**, Cedex discloses the method of claim 1 wherein the timeout parameter is a T3212 timeout value according to the GSM specification (page 115, paragraph 12, T3212).

Referring to **claim 3**, Cedex discloses the method of claim 1 wherein the timeout parameter is a T3302 timeout value according to the GSM specification (page 119, line 9, T3302).

Referring to **claim 4**, Cedex discloses a computer program product embodied on a computer readable storage medium for automatically re-establishing a GPRS/EDGE connection between the mobile station and a network following a successfully executed network detach request (page 57, section 4.2.4.2.2, line 3, perform GPRS attach, attach performed on expiration of timers, hence automatically after expiration of timers), the computer program product comprising: computer program code for determining if a detach type parameter associated with the network detach request is set to re-attach not required (page 114, section 4.7.4.2.2, paragraph 3, DETACH REQUEST message received, indicating “re-attach not required”); if the detach type parameter associated with the detach request is set to re-attach not required (page 114, section 4.7.4.2.2, paragraph 3, DETACH REQUEST message received, indicating “re-attach not required”), and the detach cause parameter associated with the detach request does contain a null value (page 114, section 4.7.4.2.2, paragraph 3, no cause code, cause code is interpreted as being the parameter associated with the detach request), then computer program code for monitoring a

timeout parameter; and computer program code for automatically initiating a GPRS/EDGE re-attachment with the network upon expiration of the timeout parameter (page 57, section 4.2.4.2.2, line 3, perform GPRS attach on the expiry of timers, hence automatically).

Referring to **claim 5**, Cedex discloses the computer program product of claim 4 wherein the timeout parameter is a T3212 timeout value according to the GSM specification (page 115, paragraph 12, T3212).

Referring to **claim 6**, Cedex discloses the computer program product of claim 4 wherein the timeout parameter is a T3302 timeout value according to the GSM specification (page 119, line 9, T3302).

Referring to **claim 7**, Cedex discloses a system for automatically re-establishing a GPRS/EDGE connection between the mobile station and a network following a successfully executed network detach request (page 57, section 4.2.4.2.2, line 3, perform GPRS attach, attach performed on expiration of timers, hence automatically after expiration of timers), the system comprising: means for determining if a detach type parameter associated with the network detach request is set to re-attach not required (page 114, section 4.7.4.2.2, paragraph 3, DETACH REQUEST message received, indicating “re-attach not required”); if the detach type parameter associated with the detach request is set to re-attach not required (page 114, section 4.7.4.2.2, paragraph 3, DETACH REQUEST message received, indicating “re-attach not required”), and the detach cause parameter associated with the detach request does contain a null value (page 114, section 4.7.4.2.2, paragraph 3, no cause code, cause code is interpreted as being the parameter associated with the detach request), then means for monitoring a timeout parameter; and means for automatically initiating a GPRS/EDGE re-attachment with the network upon

Art Unit: 2686

expiration of the timeout parameter (page 57, section 4.2.4.2.2, line 3, perform GPRS attach on the expiry of timers, hence automatically).

Referring to **claim 8**, Cedex discloses the system of claim 7 wherein the timeout parameter is a T3212 timeout value according to the GSM specification (page 115, paragraph 12, T3212).

Referring to **claim 9**, Cedex discloses the system of claim 7 wherein the timeout parameter is a T3302 timeout value according to the GSM specification (page 119, line 9, T3302).

### ***Response to Arguments***

3. Applicant's arguments filed 12/5/2005 have been fully considered but they are not persuasive.

Applicant argues that cited prior art does not disclose "re-attach not required" and that the detach cause is null. Examiner respectfully disagrees. Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993). In page 114, section 4.7.4.2.2, paragraph 3, Cedex shows DETACH REQUEST message received, indicating "re-attach not required" and on page 114, section 4.7.4.2.2, paragraph 3 shows no cause code, cause code is interpreted as being the parameter associated with the detach request.

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

Art Unit: 2686

MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Suhail Khan whose telephone number is (571) 272-7910. The examiner can normally be reached on M-F from 8 am to 4:30 pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Feild, can be reached at (571) 272-4090.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

sk

*Marsha D. Banks-Harold*  
MARSHA D. BANKS-HAROLD  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600